



PTO/SB/08A (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/688,650	
			Filing Date	October 17, 2003	
			First Named Inventor	Nollert, Peter	
			Art Unit	1743	
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	018062-003130US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (If known)			
AY	AA	US-4,048,145	09-08-1977	Choksi et al.	
	AB	US-			
	AC	US-			
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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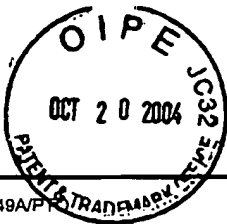
Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			<i>Application Number</i>	10/688,650	
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			<i>First Named Inventor</i>	Nollert, Peter	
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			<i>Attorney Docket Number</i>	018062-003130US	
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
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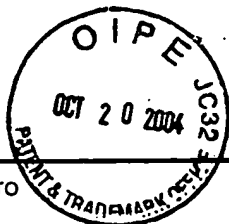
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		Number Kind Code <sup>2</sup> (if known)			
BZ	AA	US-3,974,832	08-17-1976	R.E. Kruck	
	AB	US-4,743,229	05-10-1988	G. Chu	
BS	AC	US-5,908,054	06-01-1999	J.H. Safabash et al.	
	AD	US-5,957,166	09-28-1999	J.H. Safabach	
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PTO/SB/08B (08-03)

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		First Named Inventor	Nollert, Peter		
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		Number Kind Code <sup>2</sup> (if known)			
BZ	AA	US-3,586,064	06-22-1971	Brown et al.	
	AB	US-3,734,127	05-22-1973	Williams et al.	
	AC	US-4,011,658	03-15-1977	Tarrson et al.	
	AD	US-4,388,272	06-14-1983	Gesteland, Robert C.	
	AE	US-4,390,500	06-28-1983	Miskinis, Robert J.	
	AF	US-4,803,053	02-07-1989	Williamson, Kenneth L.	
	AG	US-5,178,838	06-12-1993	Sala et al.	
	AH	US-5,425,920	08-20-1995	Conti et al.	
	AI	US-5,580,530	12-03-1996	Kowatsch et al.	
	AJ	US-5,871,699	02-16-1999	Ruggeri, Guido	
DE	AK	US-6,582,665	06-24-2003	Faulkner, Michael T.	
	AL	US-2002/0173046 A1	11-21-2002	Hafez et al.	
	AM	US-2003/0143115 A1	07-31-2003	Tanimoto et al.	
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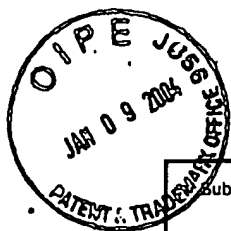
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B/T	AA	US-6,190,616	B1	02-20-2001	Jovanovich et al.	
	AB	US-6,146,594		11-14-2000	De Graaff et al.	
	AC	US-5,919,356		07-06-1999	Hood, R.G.	
	AD	US-5,879,627		03-09-1999	Tanihata	
	AE	US-5,800,782		09-01-1998	Hagstrom et al.	
	AF	US-5,762,877		06-09-1998	Brewer	
	AG	US-5,454,268		10-03-1995	Kim, Young S.	
	AH	US-5,275,953		01-04-1994	Bull	
	AI	US-5,227,139		07-13-1993	Wong, David M.	
	AJ	US-5,063,025		11-05-1991	Ito	
	AK	US-4,750,373		06-14-1988	Shapiro, Justin J.	
	AL	US-4,615,468		10-07-1986	Gay	
	AM	US-4,011,685		03-15-1977	Boyd et al.	
	AN	US-3,586,064		06-22-1971	Brown et al.	
	AQ	US-0007041 A1		07-12-2001	Jovanovich et al.	
	AP	US-0006360 A1		01-17-2002	Neal et al.	
	AQ	US-0001544 A1		01-03-2002	Hess et al.	
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BP	AV	LANDAU, EM; ROSENBUSCH, JP, Lipidic Cubic Phases: A Novel Concept for the Crystallization of Membrane Proteins, Proc. Natl. Acad. Sci., Vol. 93, pp.14532-14535, December 1996	
	AW	RUMMEL, G., HARDMEYER, A., WIDMER, C., CHIU, M., NOLLERT, P., LOCHER, K., PEDRUZZI, I., LANDAU, E.M., ROSENBUSCH, J., Lipidic Cubic Phases: New Matrices for the Three-Dimensional Crystallization of Membrane Proteins, Journal of Structural Biology, 121, pp. 82-91, 1998.	
	AX	LOEWEN, M., CHIU, M.L. WIDMER, C., LANDAU, E.M., ROSENBUSCH, J.P., NOLLERT, P., G-Protein Coupled Receptors. Methods in Signal Transduction. Chapter 14, X-Ray Crystallography of Membrane Proteins: Concepts and Applications of Lipidic Mesophases to Three-Dimensional Membrane Protein Crystallization CRC-Press; T. Haga, G. Berstein (Eds.), pp. 385-388, 2000.	
	AY	CHIU, M.L., NOLLERT, P., LOEWEN, M., BELRHALLI, H., PEBAY-PEYROULA, E., ROSENBUSCH, J.P., LANDAU, E. M., Crystallization in cubo: General Applicability to Membrane Proteins, Acta Cryst. D56, 781-784, (2000).	
	AZ	CHEN, A.H., HUMMEL, B., QIU, H., CAFFREY, M., A Simple Mechanical Mixer for Small Viscous Lipid-Containing Samples, Chemistry and Physics of Lipids, 95:11-21, 1998.	
	AAA	NOLLERT, P., LANDAU, E.M., Enzymic Release of Crystals from Lipidic Cubic Phases, Biochemical Society Transactions 26(4), pp. 709-713, 1998.	
	ABB	NOLLERT, P., ROYANT, A., PEBAY-PEYROULA, E. LANDAU, E.M., Detergent-Free Membrane Protein Crystallization, FEBS Letters 457:205-208, 1999.	
	ACC	LANDAU, E.M., RUMMEL, G., COWAN JACOB, S.W., ROSENBUSCH, J.P., Crystallization of a Polar Protein and Small Molecules from the Aqueous Compartment of Lipidic Cubic Phases, Journal of Physical Chemistry B, 101:1935-1937, 1997.	
	ADD	EDMAN, K., NOLLERT, P., ROYANT, A., BELRHALLI, H., PEBAY-PEYROULA, E., HAJDU, J., NEUTZE, R., LANDAU, E.M., High-Resolution X-ray Structure of an Early Intermediate in the Bacteriorhodopsin Photocycle. Nature, Vol. 41, pp. 822-826, October 21, 1999.	
	AEE	LUECKE, H., SCHOBERT, B., RICHTER, H.T., CARTAILLER, J.P., LANYI, J.K., Structural Changes in Bacteriorhodopsin During Ion Transport at 2 Angstrom Resolution, Science 286:255-260, October 8, 1999.	
	AFF	LUECKE, H., SCHOBERT, B., RICHTER, H.T., CARTAILLER, J.P., LANYI, J.K., Structure of Bacteriorhodopsin at 1.55 Angstrom Resolution, Journal of Molecular Biology, 291:899-911, 1999.	
	AGG	BELRHALLI, H., NOLLERT, P., ROYANT, A., MENZEL, C., ROSENBUSCH, J.P., LANDAU, E.M., PEBAY-PEYROULA, E., Protein, Lipid and Water Organization in Bacteriorhodopsin Crystals: A Molecular View of the Purple Membrane at 1.9 A Resolution, Structure, Vol. 7, No. 8, 909-917, July 12, 1999.	
	AHH	LUECKE, H., RICHTER, H.T., LANYI, J.K., Proton Transfer Pathways in Bacteriorhodopsin at 2.3 Angstrom Resolution, Science, 280:1934-1937, June 19, 1998.	
	Ali	PEBAY-PEYROULA, E., RUMMEL, G., ROSENBUSCH, J.P., LANDAU, E.M., X-Ray Structure of Bacteriorhodopsin at 2.5 Angstroms from Microcrystals Grown in Lipidic Cubic Phases, Science, 277:1676-1681, 1997.	
	AJJ	CHANG, C.M., BODMEIER, R., Effect of Dissolution Media and Additives on the Drug Release from Cubic Phase Delivery Systems, Journal of Controlled Release, 46:215-222, 1997.	
BO	AKK	LONGER, M., TYLE, P., MAUGER, J.W., A Cubic-Phase Oral Drug Delivery System for Controlled Release of AG337, Drug Development and Industrial Pharmacy, 22:603-608, 1996.	

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